

VIDEO SPEED STN DISPLAY

ABSTRACT:

The present invention relates to a liquid crystal display, especially, to a video speed STN display with high contrast ratio. The display provides not only a flicker-free video speed with 30 frames per second, but also a high display quality, such as full color gamut, high contrast ratio and high brightness and so on. The video speed display is realized by the optimization of the display cell structure, the liquid crystal formulation and the driving circuitry.